GH38		111		1 1 1	1 1 1			- - 1 1 1] = 	1 1	Alpha-ma	ınnanase/mannosidase/GDE	a-fungal
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GH152 GH162 GH16_1 GH17 GH30_3 GH5_15 GH5_9 GH72		0 0 0 4 4 4 1 1 2 0 0 0 1 0 2 2 2 2	0 0 0 4 4 4 2 2 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 2 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 4 5 3 4 1 2 2 1 0 0 0 0	0 0 0 3 3 3 1 1 1 0 0 0 1 1 0 2 2 2	0 0 0 3 3 3 1 1 1 0 1 0 0 1 1 2 1 2	0 0 0 3 2 3 2 2 1 0 0 0 1 0 0 1 2 2	0 0 3 3 1 1 0 0 0 0 2 2	Beta-gluc Beta-gluc Beta-gluc Beta-gluc Beta-gluc Beta-gluc Beta-gluc Beta-gluc	ranases ranases ranases ranases ranases ranases	a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal
GH12 GH132 GH16_18 GH16_22 GH16_23 GH16_3 GH64 GH81	2 2 2 4 4 4 2 2 2 1 1 1 1 3 3 3 3 3 3 1 1 1	2 2 2 4 4 4 2 2 2 1 1 3 3 3 3	2 2 2 4 4 4 2 2 2 1 1 1 3 3 3 2 2 2	2 2 2 4 4 4 2 2 2 1 1 0 3 3 3 3 2 2 1 1 1	2 2 2 2 4 4 4 4 4 2 2 2 2 1 1 1 1 1 3 3 3 3 1 2 2 2 2	2 2 2 2 2 3 3 3 4 2 2 1 3 1 1 1 1 3 3 3 3 2 1 2 2 1 1 2 1	2 2 2 4 4 4 1 1 2 1 1 1 2 2 2 2 2 2	2 2 2 4 3 4 0 0 0 1 0 1 2 3 2 2 2 2	2 2 2 3 3 3 0 0 0 1 1 1 3 3 2 2 2 2	2 2 3 3 0 0 1 1 2 2 2 2	Beta-glud Beta-glud Beta-glud Beta-glud	ranases anases Chitin ranases anases anases laminarin ranases	a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal
GH55 GH16 CBM43 CBM52 GH16_19	1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 18 18 17 2 2 2	0 0 0 0 0 0 1 1 1 1 1 1 16 19 1 1 2 2	1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 5 14 13 2 2 2	0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 12 14 19 1 2 2	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1 0 1 1 2 12 11 10	0 0 0 0 0 0 1 1 1 1 1 1 0 10 10 10 1 1 1	0 0 1 0 0 0 0 0 0 1 1 1 1 0 1 0 8 7 7 1 1 1	0 0 0 0 1 0	0 0 0 0 0 0 1 1 1 1 5 4 1 1	Beta-glud Beta-glud Binding be	anases anases eta-glucans eta-glucans S S	a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal a-fungal
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GH43_5 GH53 GH43_24 GH43_6 GH5_16 GH93 GH30_5	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 0 0 0	1 1 1 1 1 1 1 1 1 2 2 2	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2	0 0 0 0 1 1 0 0 1 1 1 1 1 0 1 0 1 1 1 1 2 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 0 1	0 1 0 0 0 0 0 2 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0	Arabinoga Arabinoga Arabinoga Arabinoga Arabinoga	alactanases alactanases alactanases alactanases alactanases alactanases	b-plant b-plant b-plant b-plant b-plant b-plant b-plant
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GH36 GH43_21 GH43_26 GH43_34 GH43_36 GH54 GH62	1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1	1 1 0 0 0 0 0 0 0 1 0 1		0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	Other hen Other hen Other hen Other hen Other hen Other hen	nicellulases nicellulases nicellulases nicellulases nicellulases nicellulases	b-plant b-plant b-plant b-plant b-plant b-plant b-plant
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PL8_4 GH146 PL1_4 PL4_3 PL4_5 GH127 GH142	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 3 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	Pectinase Pectinase Pectinase Pectinase Pectinase Pectinase Pectinase	s s s s s s	b-plant b-plant b-plant b-plant b-plant b-plant b-plant
PL20 PL1_6 GH106 PL11_2 PL14 GH140 GH10	0 0 0	2 3 3 0 0 0 0 0 0 0 0 0	0 0 0 3 3 3 0 0 0	0 0 0 0 0 0 3 2 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0 0 0 0 0 2 2 0 0 0 0 0 0 0	0 0 0 1 1 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	Pectinase Pectinase Pectinase Pectinase Pectinase Xylanases	s s s s s	b-plant b-plant b-plant b-plant b-plant b-plant b-plant
GH11 GH115 GH74 GH30_7 GH67 GH43_29 GH141	3 3 3	3 3 3 2 2 3 0 0 0 4 5 4 1 1 0 0 0 0	3 3 3 3 3 3 0 0 0	3 2 3 2 1 2 0 0 0 5 4 4 1 2 1 0 0 0 0 0 1	3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 1 2 1 3 1 2 0 0 0 0 2 4 0 2 0 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0 0 1 0 1 1 0 1 0 0 0	0 1 2 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	Xylanases Xylanases Xylanases Xylanases Xylanases Xylanases	s/xyloglucanases s/xyloglucanases s/xyloglucanases s/xyloglucanases s/xyloglucanases s/xyloglucanases	b-plant b-plant b-plant b-plant b-plant b-plant b-plant
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GH109 GH89 GH29 GH95 GH135 GT8 GH13_1	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 2 2 2 2 2 1	0 0 0 0 1 2 1 1 2 2 2 2	1 1 1 2 2 1	0 0 0 0 0 0 0 1 1 0 1 0 1 1 1 2 2 2 2 1 1	0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 2 2 2 2	0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 0 0 1 1 1 0 1	0 0 0 0 0 0 1 1 0 1 1 1 2 2 2	0 0 0 0 0 0 0 0 0 2 3 1 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 2 2 2	0 0 0 0 0 0 0 0 0 0 2 2	Alpha-N- Alpha-Iuc Alpha-fuc Alpha-gal	acetylgalactosaminidase/GDE acetylglucosaminidase/GDE oosidases oosidases actosaminogalactanase/GDE lactosyltransferase	nd nd nd nd nd nd nd
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